

1,185,178.

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UNITED STATES PATENT OFFICE.

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OAR-LOCK-SUPPORTING DEVICE.

1,185,178.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ALBERT B. CELLA, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Oar-Lock-Supporting Devices, of which the following is a specification.

My object is to provide a novel, simple and economical construction of oar-lock supporting device which may be secured to the gunwale of a boat at any point along its length and be adjusted to any position along the gunwale, as conditions render it desirable, thus permitting the operator of the boat to position the oars at any desired point along the gunwale, it being my desire to provide a construction of device of the character stated, which may not only be provided as a portion of the equipment of a row-boat, but for use in connection with motor-boats, sail-boats, canoes and the like, for propelling the boat, the nature of the device permitting it to be stored away, if desired, in the boat, and applied immediately to operative position thereon when conditions render its use desirable.

Referring to the accompanying drawing:—Figure 1 is a view in vertical elevation of an oar-lock supporting device constructed in accordance with my invention. Fig. 2 is a section taken at the line 2 on Fig. 1 and viewed in the direction of the arrow; and Fig. 3, a plan view of the device with the oar-lock proper, provided as a separate part, removed.

My improved device is formed of a body-member 4 which, by preference, is formed by casting it from metal, and is so shaped as to fit over the gunwale of a boat. To this end the member 4 is recessed, as indicated, at 5 affording an angular section 6, in which a screw 7 is threaded, this screw extending transversely of the opposite wall 8 of the member 4 and having a finger grip 9 adapting it to be rotated in the section 6 in either direction to adjust it toward, and away from, the wall 8. The screw 7 at its inner end carries a plate 10 connected therewith by a universal-joint 11 and disposed transversely of the screw 7. The plate 10 is preferably provided on one face with a series of projections 12, spaced apart, and bent to form a socket in which the ball-shaped extremity 13 of the screw is confined against displacement, the fit of the ball 13 within

the socket, however, being sufficiently loose to permit the plate 10 to have universal movement about the inner end of the screw 7.

The device is adapted to be clamped in position on the gunwale of a boat, between the face 8 of the member 4 and the plate 10, by adjusting the screw 7, the face 8 and plate 10 being preferably provided with projections 14 and 15, respectively, to aid in the security of the fastening. The plate 10 is preferably connected with the screw 7 at the ball and socket connection described, at a non-central point on the plate, as illustrated, whereby, upon turning the plate half-way around at this connection, either end thereof may be caused to extend uppermost, this feature permitting the device to be securely clamped to gunwales having beadings or coamings along their inner surfaces. The feature of having the ball and socket connection provides for the adaptability of the device to gunwales having inner surfaces which are inclined relative to their outer surfaces, which is sometimes the case in boat construction; and these two features combined in the device serve, as will be manifest, to adapt it to be securely fastened in place on gunwales of widely differing forms, rendering the device capable of substantially universal application.

In the particular illustrated embodiment of my invention the oar-lock proper is provided as a part separate from the rest of the device and is adapted to be pivotally supported in the latter to permit of a desirable oscillating movement of the oar-lock on the boat in the operation of the oars. To this end the body has an uprightly-disposed socket section 16, the socket 17 of which receives, and pivotally confines in the bearing thus provided, the oar-lock proper, as, for example, that illustrated at 18, and which may be of any suitable construction. Ears 19 are preferably provided on the member 4 to extend in opposite directions therefrom, adjacent the upper wall of the recess 5, these ears, when the device is positioned for use as stated, bearing flatwise against the upper surface of the gunwale and preventing rocking of the device thereon when the oar (not shown) seated in the oar-lock proper 18, is operated.

The adaptability of my improved oar-lock supporting device to gunwales of widely differing shapes and widths and the capabil-

ity of the device of adjustment to any point along a gunwale, renders the device exceedingly useful not only for row-boats, but for other types of boats, as above referred to, where emergencies render the use of oars desirable.

While I have illustrated and described a particular construction in which my invention is embodied, I do not wish to be understood as limiting it thereto, as the same may be variously modified and altered without departing from the spirit of my invention.

What I claim as new and desire to secure by Letters Patent is:—

15 1. An oar-lock supporting device comprising a member having a recess at which it is adapted to be applied in straddling position to the gunwale of a boat, a screw having threaded engagement with said member, and
20 a head rotatably connected with said screw at a point nearer one end than the other of said head and between which and a side of said recess, said member is adapted to be clamped to the gunwale.

25 2. An oar-lock supporting device comprising a member having a recess at which it is adapted to be applied in straddling position to the gunwale of a boat, a screw having threaded-engagement with said member, and
30 a head having universal-joint connection with said screw at a point nearer one end than the other of said head, and between which and a side of said recess, said member is adapted to be clamped to the gunwale.

35 3. An oar-lock supporting device comprising a socketing-member having a recess at which it is adapted to be applied in straddling position to the gunwale of a boat and containing a socket for receiving the oar-
40 lock proper, a screw having threaded-en-

gagement with said member and a head rotatably connected with said screw at a point nearer one end than the other of said head and between which and a side of said recess, said member is adapted to be clamped to the
45 gunwale.

4. An oar-lock supporting device comprising a socketing-member having a recess at which it is adapted to be applied in straddling position to the gunwale of a boat and
50 containing a socket for receiving the oar-lock proper, a screw having threaded-engagement with said member, and a head having universal-joint connection with said screw at a point nearer one end than the
55 other of said head, and between which and a side of said recess, said member is adapted to be clamped to the gunwale.

5. An oar-lock supporting device comprising a member having a recess at which it is adapted to be applied in straddling position to the gunwale of a boat, a screw having
60 threaded-engagement with said member, a head having universal-joint connection with the inner end of said screw, at a point nearer
65 one end than the other of said head and between which and a side of said recess, said member is adapted to be clamped, to the gunwale, said member having a socketing-section containing a socket adapted to re-
70 ceive the oar-lock proper, and projections on said member extending in opposite directions and adapted, when the device is positioned for use, to extend adjacent the top
75 surface of the gunwale and prevent the device from rocking thereon.

ALBERT B. CELLA.

In presence of—

O. C. AVISUS,

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